



SENIOR TRANSPORTATION ENGINEER

Do you enjoy the challenge of leading a team and coordinating multiple transportation projects at the same time? If so, the City of Fremont may have the right opportunity for you!



**First Review of Applications:
July 7, 2014**

THE POSITION

As a member in the Public Works Department Traffic Engineering section, the Senior Transportation Engineer will lead staff on Transportation Planning, Signal Operations, Traffic Operations, and Design. This position is key in leading Fremont's transformation from a suburban to strategically urban community with a focus on facilitating all modes of transportation including bicycles, pedestrians, and transit. The position will manage traffic engineering projects, studies of the City's traffic signal system, serve as project manager, supervise and participate in the performance of a variety of transportation studies, and act as City liaison with intergovernmental agencies, and on project development teams for regional transportation projects.

EXAMPLES OF DUTIES

- Plans, assigns, supervises, coordinates and checks the work of traffic engineering studies and projects.
- Assists in the direction and preparation of the annual traffic signal project priority list and recommends projects to be funded.
- Assists in the direction and supervises the preparation of plans and specifications for traffic signal and related projects including the selection of consultants and contract negotiation, preparation, and administration.
- Conducts or supervises interchange and traffic signal timing studies.
- Supervises and conducts the update of the transportation element of the General Plan.
- Plans for the replacement or upgrading of equipment and expansion of the City's master controlled system.
- Prepares, administers, coordinates, and monitors transportation project budgets.
- Supervises and participates in the investigation of traffic related citizen service requests including the determination, communication and implementation of appropriate responses.
- Responds to interrogatories and testifies in court in cases involving the City's traffic system.
- Reviews, coordinates, or supervises the preparation of geometric plans for street improvements.
- Coordinates activities and corresponds with Federal, State, and other agencies on traffic related matters.
- Serves as City liaison on regional transportation projects and studies.
- Prepares reports on traffic projects and studies.
- Participates in professional engineering work normally conducted in other departmental units or serves on City task forces.
- Reviews, coordinates, or supervises the review of traffic studies which evaluate the impact of new development.
- Supervises and recommends appropriate mitigation to reduce traffic impacts.
- Supervises a traffic safety program to identify high accident locations and reduce traffic accidents.
- Confers with property owners, school groups, public officials, and civic organizations regarding traffic issues.
- Makes presentations at public meetings.

CANDIDATE PROFILE

The ideal candidate will possess:

Knowledge of: Transportation systems and engineering principles and practices; traffic, bicycle, and pedestrian safety, traffic operations; laws, regulations, and potential legal issues relating to traffic engineering; engineering calculations; traffic signals, controllers, pavement markings, and signing, research and



technical report writing; street construction, materials, and design; transportation planning and alternative forms; public and private agencies involved in transportation matters, the principles of supervision and operation of city government; tools, parts, and equipment used in the repair and maintenance of traffic control units; computer modeling techniques and methodologies.

Ability to: Communicate effectively with individuals from a variety of socio-economic backgrounds; analyze traffic engineering and systems problems; draft and present clear, concise, and comprehensive reports, memoranda and letters; design, schedule, coordinate, and monitor work of subordinate staff.

EDUCATION & EXPERIENCE

Education and experience equivalent to graduation from an accredited college or university with a degree in Transportation or Civil Engineering, five years progressively responsible transportation engineering work. Work experience in a governmental/municipal setting is highly desirable.

LICENSES/CERTIFICATES/SPECIAL REQUIREMENTS

- Possession of valid registration as a traffic or civil engineer by the California State Board of Registration for Professional Engineers; dual registration is highly desirable.
- Requires possession of a valid Class C California Driver's License.

ABOUT US

Recently ranked second on the "Best Run City in America" list by 24/7 Wall St. and America's third "Sharpest, Smartest City" by Reader's Digest, the City of Fremont is a City continuing to move forward! Located in the heart of the Bay Area and Silicon Valley, this strategically urban city prides itself on innovation, green technology, a low crime rate, great schools, a low unemployment rate, and an incredibly diverse population of over 220,000 residents. As a full service City, Fremont employs over 830 regular employees and has an annual operating budget of \$149.3 million dollars. Fremont is an employer that values its people, creativity, quality service, integrity, open communication, mutual respect, and diversity.

COMPENSATION & BENEFITS

The annual salary is \$108,329.17 - \$146,229.22 depending on qualifications. Fremont offers an attractive benefits package, which includes, but is not limited to: CalPERS retirement plan, paid holidays, medical, dental and other city paid benefits. A complete benefits summary can be found at Fremont.gov or by using this link: [Benefits Summary](#)

HOW TO JOIN OUR TEAM

To be considered for this position, apply online by submitting a completed City application, supplemental questionnaire, resume and letter of interest at [City of Fremont Jobs](#). (www.fremont.gov/apply)

Reasonable Accommodation

Human Resources will make reasonable efforts in the examination process to accommodate persons with disabilities. Please advise Human Resources of any special needs a minimum of 5 days in advance of the selection process by calling (510) 494-4660. **The City of Fremont is an Equal Opportunity Employer.**

The information contained herein is subject to change and does not constitute either an expressed or implied contract.

Tentative Recruitment Schedule

Oral Panel Interviews and In Basket Exercise: Late July 2014

Follow-up Interviews: Early August 2014

Start Date: September 2014





Senior Transportation Engineer—Supplemental Questionnaire

GENERAL INFORMATION:

The completion of this supplemental questionnaire is required for your application to be considered for the Senior Transportation Engineer position, and is an integral part of the examination process.

This supplemental questionnaire will be used to assess your experience as it relates to the position. Your responses will be evaluated and compared to your application and will assist in determining which applicants will receive further consideration in the examination process.

DIRECTIONS:

Please respond to each of the following questions. When you apply online, you will have space to insert your answers and will not need to attach a separate copy.

1. Do you have a Bachelor's degree in Civil or Transportation Engineering?
 - Yes
 - No
2. Do you possess valid registration as a traffic or civil engineer by the California State Board of Registration for Professional Engineers?
 - Yes
 - No
3. How many years of experience do you have in transportation engineering work?
 - 1 to 2
 - 3 to 4
 - More than 5 years
4. Do you have experience working in the public sector as a Transportation Engineer?
 - Yes
 - No
5. Do you currently possess a valid California Class C Driver's License? Or, will you be able to obtain a valid California driver's license at the time of appointment?
 - Yes
 - No